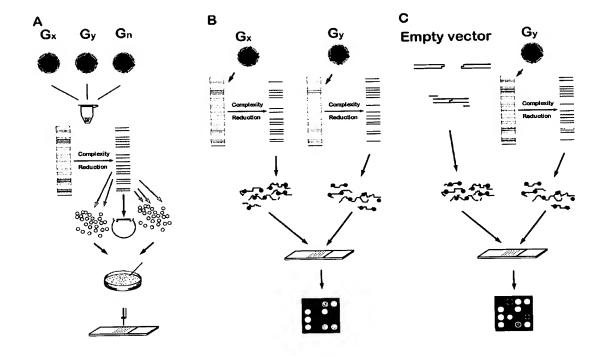




### FIGURE 1



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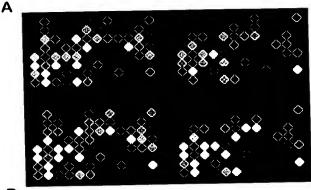
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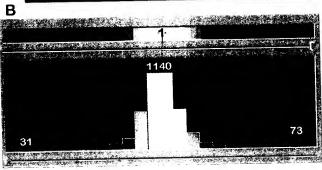
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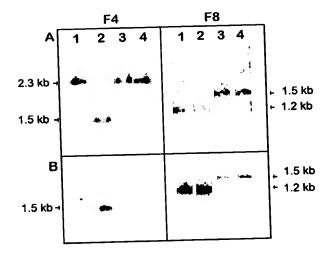
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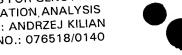


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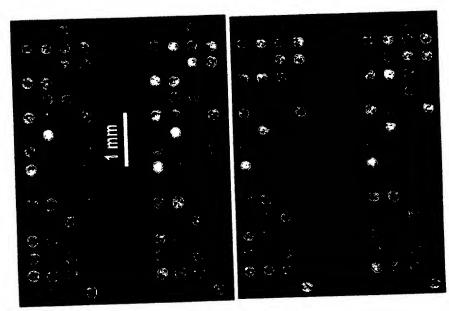
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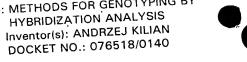


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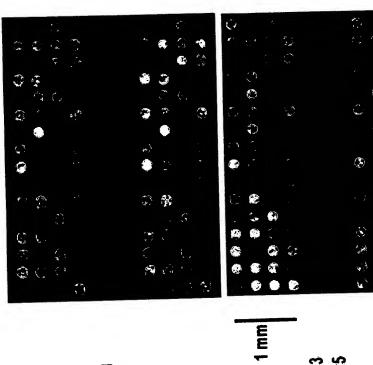




Green Cy3 Red Cy5 IR20 Millin Green Cy3 Red Cy5 IR64 Millin



4 22



IR20 Green Cy3 Millin Red Cy5

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IR20 Green Cy3 Vector Red Cy5

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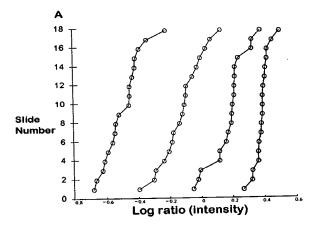
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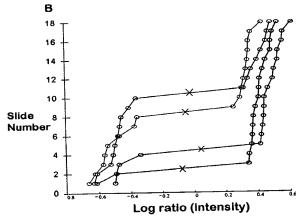
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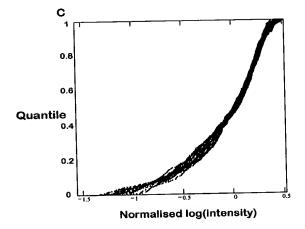
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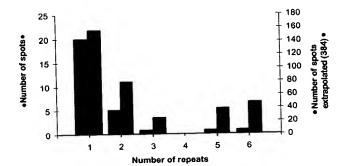
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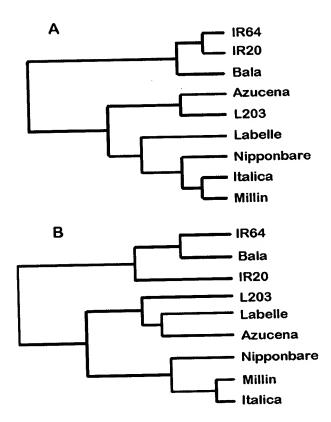
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10.00 Ton 10.00 Ton

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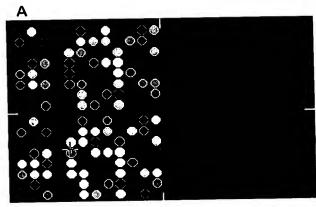
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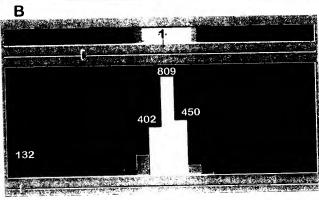
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### FIGURE 10

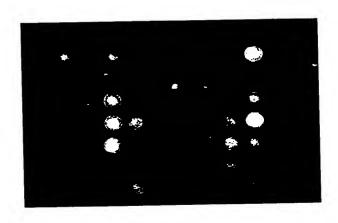




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# Barley DArT polymorphism analysis between Steptoe and Morex cultivars

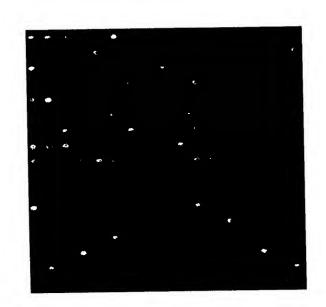


Morex Diversity Panel was labelled with Cy3 and Steptoe Diversity Panel with Cy5 dyes





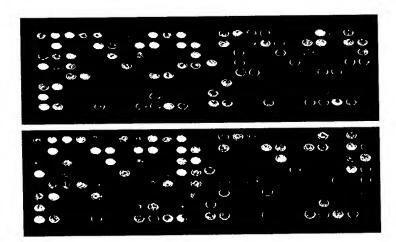
## Mouse DArTs using cDNA-based Diversity Array







# Methylation pattern differences among rice tissues typed using DArTs



Red: callus

Green: seedling root Yellow: callus + root

Red: callus

Green: immature embryo Yellow: callus + embryo





## Amplicon Southern analysis

1 2 3 4 5 6 7 8 9 10 11 12





#### Rice Tissue

### Log Intensity(Diversity Panel/TOPO)

).64
,.U4
0.58
0.34
0.01
0.39
0.37
0.47
0.42
0.51
0.60
0.63
) 0 0 0 0